

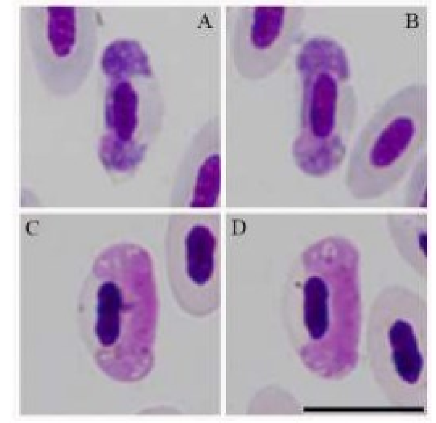


Biological collection Grupo de Estudios Relación Parásito Hospedero

Haemoproteus (Parahaemoproteus) erythrogravidus

Mantilla et al. 2016

Taxonomic hierarchy	
Domain	Eukarya
Kingdom	Chromista
Phylum	Apicomplexa
Class	Aconoidasida
Order	Haemosporida
Family	Haemoproteidae
Genus	*Haemoproteus*
Species	*Haemoproteus erythrogravidus*



Typical forms of *H. erythrogravidus* A-B) Macrogametocytes C-D) Microgametocyte; Bar = 10 µm.

Associated hosts

	Type host	Additional hosts
Phylum	Chordata	Unknown
Class	Aves	Unknown
Order	Passeriformes	Unknown
Family	Passerellidae	Unknown
Species	*Zonotrichia capensis*	Unknown

Material deposited in GERPH collection

Collection Number	GERPH:UN139 GERPH:UN183 GERPH:OT982 and 18 others.	MalAvi, Linaje	ZOCAP01 ZOCAP14	GenBank	KT698209 and KT537315
Department	Cundinamarca and Risaralda.	County	Bogotá, D.C; Pereira	Altitude	2042 – 2640 m. a. s. l.
Global Distribution	Colombia, Ecuador and Peru			Specimen material	Blood smear and DNA
Main Characters	Gametocytes touch the envelope and nucleus of erythrocytes. Most gametocytes form a marked protrusion of cytoplasm of infected erythrocytes in the zone not filled by the parasite. Growing dumbbell-shaped gametocytes present extremely attenuated width at the central part.				
Pathology	Unknown		Vectors	Unknown	

Bibliography

Mantilla, Juan S., Gonzalez, Angie D., Lotta, Ingrid ´ A., Moens, Michael, Pacheco, M. Andreina, Escalante, Ananias A., Valkiunas, ¯ Gediminas, Moncada, Ligia I., Perez-Tris, Javier, Matta, Nubia E., *Haemoproteus ´ erythrogravidus* n.sp.(Haemosporida, Haemoproteidae): Description and molecular characterization of a widespread blood parasite of birds in South America. ActaTropica http://dx.doi.org/10.1016/j.actatropica.2016.02.025

Contact

Nubia Matta Chief curator nemattac@unal.edu.co
Angie D. Gonzalez assistant curator adgonzalezg@unal.edu.co content reviewer
GERPH information icsti_nal@unal.edu.co

Compilers

Jorge Apache, Angie Gonzalez, Carolina Vargas-León, Paola Gonzalez.

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